

### REMARKS/ARGUMENTS

Entry of this amendment and reconsideration of the present application, as amended, are respectfully requested.

Claims 1-23 and new claims 24-28 are pending in this application. Claims 1-14 and 21-23 were rejected. Claims 15-20 are allowable. Claims 1-3, 13, 15, 16, 18 and 20-23 are amended. Unless an argument is made below relating to the patentability of each of these claims over cited prior art, the changes to the claims do not relate to patentability.

#### Drawings

The drawings were objected to under 37 C.F.R. §1.83(a) on the grounds that the features: “a set of analysis tools”, “overlaying of grids”, and “sync/blanking/active video patterns”, all recited in claim 22, are now shown.

Claim 22 is amended to remove mention of the “set of analysis tools” and to recite the function of the analysis tools as method limitations. Thus, claim 22 now recites that the step of displaying the formatted image comprises overlaying grids on the formatted image, determining location of pixels of the formatted image, performing detailed waveform analysis on waveforms in the formatted image and displaying the analysis and/or measuring sync video patterns for each line, blanking video patterns for each line and active video patterns for each line. These functions are performed by the Redisplay Software Tool 48 as described in the specification at page 7, lines 18-21.

In view of the changes to claim 22, it is respectfully submitted that the Examiner’s objection to the drawings has been overcome and should be removed.

#### Claim Objections

Claims 1, 3, 13, 16, 18, 20, and 23 were objected to under 37 C.F.R. §1.75 (a) because the metes and bounds of these claims are determinable. However, the Examiner suggested changes to be made to these claims.

Claims 1, 3, 13, 16, 18, 20 and 23 have been amended in light of the Examiner’s suggested changes.

In claim 20, the abbreviation “TTL” is now set forth as “transistor-transistor logic” which is a common semiconductor technology for building discrete digital logic integrated circuits.

In view of the changes to these claims, it is respectfully submitted that the Examiner’s objection to these claims has been overcome and should be removed.

#### Claim Rejections-35 U.S.C. § 112

Claim 22 was rejected under 35 U.S.C. §112, second paragraph, on the grounds that it was not clear what was meant by “sync/blanking/active video patterns”.

Claim 22 is amended to clarify that the display of the formatted image allows for measuring sync video patterns for each line, blanking video patterns for each line and active video patterns for each line.

In view of the changes to claim 22, it is respectfully submitted that the Examiner’s rejection of claim 22 under 35 U.S.C. §112, second paragraph, has been overcome and should be removed.

#### Claim Rejections-35 U.S.C. §102

Claims 1-14 and 21-23 were rejected under 35 U.S.C. §102(b) as being anticipated by Howell et al. (US 6,396,536 B1), hereinafter Howell.

The Examiner’s rejection is respectfully traversed in view of changes to independent claims 1 and 21.

Claim 1 is amended to include the feature of the signal conditioner/switching device including at least one emulator arranged between the at least one video device and the video generator and analyzer to convert signals between a form processable by the at least one video device but unprocessable by the video generator and analyzer and a form processable by the video generator and analyzer but unprocessable by the at least one video device. This is a main function of the emulator, i.e., to enable signal transfer between two devices which can generate incompatible signals. Exemplary emulators include those set forth in claim 15, i.e., a digital multi-meter emulator, a counter/timer emulator and a digitizer/oscilloscope emulator.

Howell does not disclose, teach or suggest providing one or more emulators in a signal conditioner/switching device which is coupled to a video generator and analyzer housed in the same portable chassis as the signal conditioner/switching device.

Claim 21 is amended to include the feature of coupling a signal conditioner/switching device in the automatic video test analyzer which includes at least one emulator arranged between and coupled to the video device and the programmable video generator and analyzer to convert signals between a form processable by the video device but unprocessable by the programmable video generator and analyzer and a form processable by the programmable video generator and analyzer but unprocessable by the video device.

Howell does not disclose, teach or suggest providing one or more emulators in a signal conditioner/switching device which is included in a portable automatic video test analyzer and converts signals into and/or from a form processable by a video device.

In view of the changes to claims 1 and 21, it is respectfully submitted that the Examiner's rejection of claims 1-14 and 21-23 has been overcome and should be removed.

Allowable Subject Matter

Claims 15-20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims and to overcome the claim objections above.

Instead of rewriting claim 15 in independent form, new independent claim 28 is presented which includes subject matter of original claims 1 and 15, with the exception of the signal conditioner/switching device including a pulse generator buffer.

New Claims

Claims 24-28 are added. Claims 24-27 depend on claim 1 or claim 21. Claim 28 is discussed above. In view of the presentation of claims 24-28, an additional claim fee of \$225.00 is required, based on small entity status, and the fee should be charged to Deposit Account No. 50-1268.

Petition for Extension

Applicant hereby petitions for a one-month extension of time to extend the time for response to the Office Action for one month from October 25, 2005 to November 25, 2005. The petition fee of \$60.00, applicant having qualified for small entity status, should be charged to Deposit Account No. 50-1268.

An early and favorable action on the merits upon entry and consideration of this amendment is earnestly solicited.

FOR THE APPLICANT

Respectfully submitted,



Brian Roffe  
Reg. No. 35,336

Brian Roffe, Esq.  
11 Sunrise Plaza, Suite 303  
Valley Stream, New York 11580-6111  
Tel.: (516) 256-5636  
Fax: (516) 256-5638